

203.8 - Defining Fixed Point, International Temperature Scale of 1990, ITS-90 (solid forms)

These SRMs are for use in preparing defining fixed points of the International Temperature Scale of 1990, ITS-90.

For further information see [SP 260-138](#)

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	740a	741a	743	1744	1745	1746	1751
Description	Zinc (Freezing Point)	Tin (Freezing Point)	Mercury (Triple Point)	Aluminum (Freezing Point)	Indium (Freezing Point)	Silver (Freezing Point)	Gallium Melting-Point
Unit Size	(200 g)	(200 g)	(680 g)	(200 g)	(200 g)	(300 g)	(200 g)
Temperature (in °C)	419.527	231.928	-38.8344	660.323	156.5985	961.78	29.7646